

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
 Data File : VR026252.D
 Acq On : 21 Nov 2018 4:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00595

Quant Time: Nov 21 05:31:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 03:23:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	580838	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	479339	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	189870	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	226342	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	2.62	69	201300	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	3.61	63	552076	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	6.59	46	182031	44.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.76%
24) Chloroform-d	7.20	84	391529	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	7.90	65	148054	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	7.86	84	768872	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	8.90	67	194749	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	9.97	98	739274	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	10.24	79	46432	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	10.59	63	130816	49.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78270	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	142695	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	181286	4.458 ug/L	95
3) Chloromethane	2.01	50	259614	4.969 ug/L	98
5) Vinyl chloride	2.17	62	263197	5.124 ug/L	99
6) Bromomethane	2.52	94	181025	5.265 ug/L	97
8) Chloroethane	2.66	64	162919	5.070 ug/L	98
9) Trichlorofluoromethane	2.94	101	417602	5.354 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	213529	4.766 ug/L	97
12) 1,1-Dichloroethene	3.63	96	238635	4.896 ug/L	89
13) Acetone	3.70	43	163616	53.060 ug/L	99
14) Carbon disulfide	3.94	76	644912	5.300 ug/L	97
15) Methyl Acetate	4.20	43	43301	4.839 ug/L	95
16) Methylene chloride	4.41	84	204146	4.684 ug/L	97
17) Methyl tert-butyl Ether	4.90	73	208708	4.141 ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	197848	4.419 ug/L	94
19) 1,1-Dichloroethane	5.70	63	350853	4.366 ug/L	97
21) 2-Butanone	6.69	43	201794	46.484 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	178104	4.414 ug/L #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.06	128	50684	4.173	ug/L	96
25) Chloroform	7.23	83	363743	4.173	ug/L	100
27) 1,2-Dichloroethane	7.99	62	158743	4.472	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	316139	4.664	ug/L	98
30) Cyclohexane	7.52	56	297428	4.934	ug/L	99
31) Carbon tetrachloride	7.64	117	284930	4.625	ug/L	98
33) Benzene	7.91	78	829855	4.738	ug/L	100
34) Trichloroethene	8.71	95	209955	4.526	ug/L	97
35) Methylcyclohexane	8.95	83	304808	4.935	ug/L	99
37) 1,2-Dichloropropane	9.00	63	166182	4.584	ug/L	100
38) Bromodichloromethane	9.28	83	193544	4.574	ug/L #	93
39) cis-1,3-Dichloropropene	9.72	75	188294	4.525	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	502844	49.915	ug/L	99
42) Toluene	10.04	91	919482	4.394	ug/L	97
44) trans-1,3-Dichloropropene	10.27	75	125353	4.414	ug/L	94
45) 1,1,2-Trichloroethane	10.45	97	72270	4.633	ug/L	97
47) Tetrachloroethene	10.51	164	150325	4.412	ug/L	95
48) 2-Hexanone	10.63	43	335664	49.608	ug/L	96
49) Dibromochloromethane	10.79	129	87881	4.635	ug/L	95
50) 1,2-Dibromoethane	10.89	107	60778	4.468	ug/L	90
51) Chlorobenzene	11.32	112	486616	4.752	ug/L	99
52) Ethylbenzene	11.39	91	1053325	5.026	ug/L	99
53) m,p-Xylene	11.50	106	384659	4.977	ug/L	98
54) o-Xylene	11.83	106	346595	4.898	ug/L	94
55) Styrene	11.84	104	541989	5.019	ug/L	97
56) Isopropylbenzene	12.13	105	995788	5.137	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	70882	4.668	ug/L	100
59) 1,2,3-Trichloropropane	12.44	75	49301	4.331	ug/L	98
61) Bromoform	12.01	173	31711	4.355	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	272905	4.514	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	294808	4.521	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	234681	4.727	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	7399	4.458	ug/L	90
67) 1,3,5-Trichlorobenzene	14.30	180	169573	4.332	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	93495	4.224	ug/L	98
69) Naphthalene	15.01	128	91304	4.235	ug/L	100
70) 1,2,3-Trichlorobenzene	15.18	180	69960	4.419	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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